

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	258	(light adj emitt\$3) adj layers and ((charge or electron) with transport \$3) with oxide and (428/690).ccls.	US-PGPUB; USPAT	AND	ON	2010/02/03 11:13
L10	59	(light adj emitt\$3) adj layers and ((charge or electron) with transport \$3) with (metal adj5 oxide) and (428/690).ccls.	US-PGPUB; USPAT	AND	ON	2010/02/03 11:14
L11	1264	(313/503,506).ccls. and oxide with (electron or charge)	US-PGPUB; USPAT	OR	ON	2010/02/03 11:20
L12	319	(313/503,506).ccls. and (metal adj2 oxide) with (electron or charge)	US-PGPUB; USPAT	OR	ON	2010/02/03 11:20
L13	0	(313/503,506).ccls. and silcate with (electron or charge)	US-PGPUB; USPAT	OR	ON	2010/02/03 11:21
L14	0	(257/40).ccls. and silcate with (electron or charge)	US-PGPUB; USPAT	OR	ON	2010/02/03 11:21
L15	0	(428/917).ccls. and silcate with (electron or charge)	US-PGPUB; USPAT	OR	ON	2010/02/03 11:21
S1	89	multiple with (light adj emitt\$3) and ((charge or electron) with transport\$3) with oxide	US-PGPUB; USPAT	AND	OFF	2009/03/18 17:01
S2	97	multiple with (light adj emitt\$3) and ((charge or electron) with transport\$3) with oxide	US-PGPUB; USPAT	AND	ON	2009/03/18 17:01
S3	1	multiple adj (light adj emitt\$3) and ((charge or electron) with transport\$3) with oxide	US-PGPUB; USPAT	AND	ON	2009/03/18 17:04
S4	8	multiple adj2 (light adj emitt\$3) and ((charge or electron) with transport\$3) with oxide	US-PGPUB; USPAT	AND	ON	2009/03/18 17:05

S5	899	(light adj emitt\$3) adj2 layers and ((charge or electron) with transport \$3) with oxide	US-PGPUB; USPAT	AND	ON	2009/03/18 17:09
S6	846	(light adj emitt\$3) adj layers and ((charge or electron) with transport \$3) with oxide	US-PGPUB; USPAT	AND	ON	2009/03/18 17:09
S7	838	(light adj emitting) adj layers and ((charge or electron) with transport \$3) with oxide	US-PGPUB; USPAT	AND	ON	2009/03/18 17:10
S8	227	(light adj emitting) adj layers and ((charge or electron) with transport \$3) with oxide	US-PGPUB; USPAT	AND	OFF	2009/03/18 17:10
S9	10	dual adj2 (light adj emitting) and ((charge or electron) with transport\$3) with oxide	US-PGPUB; USPAT	AND	OFF	2009/03/18 17:15
S10	248	stacked with (light adj emitting) and ((charge or electron) with transport\$3) with oxide	US-PGPUB; USPAT	AND	OFF	2009/03/18 17:19
S11	16040	(light adj emitting adj layers)	US-PGPUB; USPAT	AND	ON	2009/03/18 17:22
S12	40	(multiple adj light adj emitting adj layers)	US-PGPUB; USPAT	AND	ON	2009/03/18 17:30
S13	0	(Li adj sub2 adj Si adj O adj sub3)	US-PGPUB; USPAT	AND	ON	2009/03/18 17:36
S14	0	(Na adj sub2 adj C adj O adj sub3)	US-PGPUB; USPAT	AND	ON	2009/03/18 17:38
S15	4034	(Lithium with silicon with oxide)	US-PGPUB; USPAT	AND	ON	2009/03/18 17:38
S16	0	(Lithium with silicon with oxide) and electrolum\$5	US-PGPUB; USPAT	AND	ON	2009/03/18 17:39
S17	4	(Lithium with silicon with oxide) and electrolumin\$5	US-PGPUB; USPAT	AND	ON	2009/03/18 17:39
S18	0	(Lithium adj silicate\$1) and electrolumin\$5	US-PGPUB; USPAT	AND	ON	2009/03/18 18:05
S19	47	(Lithium adj silicate\$1) and lumin\$5	US-PGPUB; USPAT	AND	ON	2009/03/18 18:05
S20	1	(Lithium adj silicate\$1) and (electolumin\$5 or lumin\$5)	FPRS; EPO; JPO	AND	ON	2009/03/19 09:12

S21	47	(Lithium adj silicate\$1) and (electrolumin\$5 or lumin\$5)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:17
S22	382	(metal adj silicate\$1) and (electrolumin\$5 or lumin\$5)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:18
S23	93	(metal adj silicate\$1) and (electrolumin\$5 or lumin\$5) and lithium	US-PGPUB; USPAT	AND	ON	2009/03/19 09:18
S24	0	(onishima.in. and lithium) and (electrolumin\$4 or lumin\$4)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:21
S25	0	onishima.in. and lithium and (electrolumin\$4 or lumin\$4)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:21
S26	0	onishima.in. and lithium and (electrolumin\$4 or lumin\$4)	EPO; JPO	AND	ON	2009/03/19 09:22
S27	5	onishima.in.	EPO; JPO	AND	ON	2009/03/19 09:22
S28	23223	yasunori.in.	EPO; JPO	AND	ON	2009/03/19 09:22
S29	0	yasunori.in. and (electrolumin\$4 and lumin\$4)	EPO; JPO	AND	ON	2009/03/19 09:23
S30	277	yasunori.in. and (electrolumin\$4 or lumin\$4)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:24
S31	266	yasunori.in. and (electrolumin\$4 or lumin\$4)	EPO; JPO	AND	ON	2009/03/19 09:24
S32	1	yasunori.in. and (electrolumin\$4 or lumin\$4) and lithium	EPO; JPO	AND	ON	2009/03/19 09:24
S33	51	yasunori.in. and (electrolumin\$4 or lumin\$4) and lithium	US-PGPUB; USPAT	AND	ON	2009/03/19 09:25
S34	1	yasunori.in. and (electrolumin\$4 or lumin\$4) and (lithium with silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:26
S35	138	(electrolumin\$4 or lumin\$4) and (lithium with silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:28
S36	5	(136/258).ccls. and (lithium with silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:51

S37	1	nabeta.in. and (lithium with silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:51
S38	84	nabeta.in.	US-PGPUB; USPAT	AND	ON	2009/03/19 09:51
S39	3	nabeta.in. and silicate	US-PGPUB; USPAT	AND	ON	2009/03/19 09:52
S40	0	(Fuji adj photo adj film).as. and electrolumin\$4	US-PGPUB; USPAT	AND	ON	2009/03/19 09:53
S41	23808	(Fuji adj photo adj film).as.	US-PGPUB; USPAT	AND	ON	2009/03/19 09:53
S42	706	(Fuji adj photo adj film).as. and electrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 09:54
S43	2	(Fuji adj photo adj film).as. and electrolumin\$7 and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:55
S44	2616	(lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:56
S45	12	(lithium adj silicate) and electrolumin\$7 and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 09:56
S46	12	(lithium adj silicate) and electrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 09:57
S47	13185	(metal with oxide\$2) and electrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 10:02
S48	1352	(metal with oxide\$2) and electrolumin\$7 and silicate	US-PGPUB; USPAT	AND	ON	2009/03/19 10:03
S49	381	(metal with oxide\$2) and electrolumin\$7 and silicate and lithium	US-PGPUB; USPAT	AND	ON	2009/03/19 10:03
S50	1	"20020158267"	US-PGPUB; USPAT	AND	ON	2009/03/19 10:22
S51	74	(lithium adj fluoride) and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 10:37
S52	10	(lithium adj fluoride) and (lithium adj silicate) and phthalocyanine	US-PGPUB; USPAT	AND	ON	2009/03/19 10:37
S53	74	(lithium adj fluoride) and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 10:38

S54	2	(lithium adj fluoride) and (lithium adj silicate) and (electrolumin\$7 and lumin\$7)	US-PGPUB; USPAT	AND	ON	2009/03/19 10:40
S55	0	(lithium adj fluoride) and (lithium adj silicate) and (electrolumin\$7 and lumin\$7)	FPRS; EPO; JPO	AND	ON	2009/03/19 10:40
S56	1	(lithium adj fluoride) and (lithium adj silicate) and (electrolumin\$7 and lumin\$7)	DERWENT	AND	ON	2009/03/19 10:40
S57	1	"20020158267"	US-PGPUB; USPAT	AND	ON	2009/03/19 10:41
S58	440	fluoride with (electron adj (transport\$3))	US-PGPUB; USPAT	AND	ON	2009/03/19 10:50
S59	0	fluoride with (electron adj (transport\$3)) and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 10:50
S60	9	fluoride with (electron adj (transport\$3)) and (silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 10:51
S61	1	"20040086743"	US-PGPUB; USPAT	AND	ON	2009/03/19 10:57
S62	7	alternat\$4 with (light adj emitt\$3) and eletrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 11:00
S63	6	multiple with (light adj emitt\$3) and eletrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 11:14
S64	3	intermediate with (light adj emitt\$3) and eletrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 11:14
S65	3667	intermediate with (light adj emitt\$3)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:15
S66	92	intermediate with (light adj emitt\$3) and silicate	US-PGPUB; USPAT	AND	ON	2009/03/19 11:15
S67	243	(metal adj oxide) with (light adj emitt\$3) adj layers	US-PGPUB; USPAT	AND	ON	2009/03/19 11:17
S68	4043	(metal adj oxide) and (light adj emitt\$3) adj layers	US-PGPUB; USPAT	AND	ON	2009/03/19 11:18

S69	2586	(metal adj oxide) and (light adj emitt\$3) adj layers and lithium	US-PGPUB; USPAT	AND	ON	2009/03/19 11:18
S70	2	(metal adj oxide) and (light adj emitt\$3) adj layers and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:19
S71	1	Nabeta.in. and (light adj emitt\$3) adj layers and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:19
S72	2	Nabeta.in. and (light adj emitt\$3) adj layers and (metal adj oxide)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:20
S73	48816	(connector or intermediate) with electrode	US-PGPUB; USPAT	AND	ON	2009/03/19 11:23
S74	31	(connector or intermediate) with electrode and (lithium adj silicate)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:23
S75	1624	(connector or intermediate) with electrode and electrolumin\$7	US-PGPUB; USPAT	AND	ON	2009/03/19 11:24
S76	429	(connector or intermediate) with electrode and electrolumin\$7 and (metal adj oxide)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:25
S77	45	(connector or intermediate) with electrode and electrolumin\$7 and (metal adj oxide) and silicate	US-PGPUB; USPAT	AND	ON	2009/03/19 11:25
S78	2431	triphenylene	US-PGPUB; USPAT	AND	OFF	2009/03/19 16:55
S79	457	triphenylene and electrolumin\$7	US-PGPUB; USPAT	AND	OFF	2009/03/19 16:56
S80	249	triphenylene and electrolumin\$7 and ((electron or hole or charge) adj transp\$5)	US-PGPUB; USPAT	AND	OFF	2009/03/19 16:57
S81	50	triphenylene with ((electron or hole or charge) adj transp\$5)	US-PGPUB; USPAT	AND	OFF	2009/03/19 16:57
S82	1	"20020146590"	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:57

S83	7758	(metal adj fluoride\$1)	US-PGPUB; USPAT	OR	ON	2009/03/19 18:03
S84	23	(metal adj fluoride\$1) with ((hole or charge or electron) adj transport\$3)	US-PGPUB; USPAT	OR	ON	2009/03/19 18:04
S85	1	"6180217".pn.	USPAT	OR	OFF	2009/03/21 09:14
S86	97	((electron or charge) with (transport\$3 or generat\$3)) with metal with (metaborat\$2, or tetraborat\$2 or germanat\$2 or molybdat\$2 or niobat \$2 or silicat\$2 or tantalat\$2 or titanat\$2 or vanadat\$2 or tungstat\$2 or zirconat \$2 or carbonat\$2 or oxalat\$2 or chromit\$2 or chromat\$2 or dichromat\$2 or ferat\$2 or selenit\$2 or selenat \$2 or stannat\$2 or tellurit\$2 or tellurat\$2 or bismuthat\$2 or tetraborat\$2 or metaborat\$2)	US-PGPUB; USPAT	OR	OFF	2009/09/10 17:21
S87	1	"7494722".pn.	USPAT	OR	OFF	2009/09/20 16:00
S88	1359	(428/690).ccls. and ((charge or electron) adj3 (generat\$3 or form \$5))	US-PGPUB; USPAT	OR	ON	2009/09/20 16:27
S89	865	(428/690).ccls. and ((charge or electron) adj3 (generat\$3 or form \$5)) and (interfac\$3 or interlay\$3 or stack\$3)	US-PGPUB; USPAT	OR	ON	2009/09/20 16:28
S90	60	(428/690).ccls. and ((charge or electron) adj3 (generat\$3 or form \$5)) and (interfac\$3 or interlay\$3 or stack\$3) and kodak.as.	US-PGPUB; USPAT	OR	ON	2009/09/20 16:29

S91	18	(428/690).ccls. and (charge adj3 (generat \$3 or form\$5)) and (interfac\$3 or interlay \$3 ) and (alternat\$3 and stack\$3) and kodak.as.	US-PGPUB; USPAT	OR	ON	2009/09/20 16:32
S92	2490	lithium adj silicate	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:37
S93	0	(lithium adj silicate) near ((electron or charge) with layer)	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:39
S94	0	(lsilicate) near ((electron or charge) with layer)	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:39
S95	0	(lsilicate) with ((electron or charge) with layer)	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:39
S96	0	(lsilicate) with (electron or charge)	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:40
S97	2068	(silicate) with (electron or charge)	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:40
S98	1	(silicate) near ((electron or charge) with layer)	US-PGPUB; USPAT	OR	OFF	2009/09/20 17:40
S99	239	(428/690,917).ccls. and silicate	US-PGPUB; USPAT	OR	ON	2009/09/20 17:47
S100	9	(428/690,917).ccls. and silicate with (electron or charge)	US-PGPUB; USPAT	OR	ON	2009/09/20 17:48
S101	8	(313/503,506).ccls. and silicate with (electron or charge)	US-PGPUB; USPAT	OR	ON	2009/09/20 17:50
S102	2	(257/40).ccls. and silicate with (electron or charge)	US-PGPUB; USPAT	OR	ON	2009/09/20 17:51
S103	1	"5470802".pn.	USPAT	OR	OFF	2009/09/24 14:27
S104	1	"5455126".pn.	USPAT	OR	OFF	2009/09/24 14:31
S105	693	(428/690).ccls. and (buffer adj3 layer)	US-PGPUB; USPAT	OR	ON	2009/09/26 10:46
S106	163	(428/690).ccls. and (buffer adj3 layer) near anode	US-PGPUB; USPAT	OR	ON	2009/09/26 10:47
S107	146	(428/690).ccls. and (buffer adj3 layer) near anode and oxide	US-PGPUB; USPAT	OR	ON	2009/09/26 10:47

S108	3	(428/690).ccls. and (buffer adj3 layer) near anode near oxide	US-PGPUB; USPAT	OR	ON	2009/09/26 10:47
S109	47	(428/690).ccls. and oxide adj4 (buffer adj3 layer)	US-PGPUB; USPAT	OR	ON	2009/09/26 10:48
S110	19	(428/690).ccls. and oxide adj4 (buffer adj3 layer) and (stacked or layered or multilayer\$)	US-PGPUB; USPAT	OR	ON	2009/09/26 10:50
S111	0	(428/690).ccls. and fluoride adj4 (buffer adj3 layer) adj5 anode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:48
S112	0	(428/917).ccls. and fluoride adj4 (buffer adj3 layer) adj5 anode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:49
S113	3	(428/917).ccls. and fluoride adj4 (buffer adj3 layer) with anode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:49
S114	3	(428/690).ccls. and fluoride adj4 (buffer adj3 layer) with anode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:50
S115	0	(313/503).ccls. and fluoride adj4 (buffer adj3 layer) with anode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:51
S116	0	(313/503).ccls. and fluoride adj4 (buffer adj3 layer) with electrode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:52
S117	6	(428/690).ccls. and fluoride adj4 (buffer adj3 layer) with electrode	US-PGPUB; USPAT	OR	ON	2009/09/26 11:52
S118	1	"6339290".pn.	US-PGPUB; USPAT	OR	ON	2009/09/26 12:25
S119	1	"20030044646"	US-PGPUB; USPAT	OR	ON	2009/09/26 12:27
S120	6	(313/506).ccls. and fluoride adj4 (buffer adj3 layer) with electrode	US-PGPUB; USPAT	OR	ON	2009/09/26 13:56
S121	0	(257/40).ccls. and fluoride adj4 (buffer adj3 layer) with electrode	US-PGPUB; USPAT	OR	ON	2009/09/26 13:57

S122	0	(lithium adj2 carbonate) adj5 ((charge or electron) with (genert\$3 or transport\$3))	US-PGPUB; USPAT	AND	ON	2009/10/01 10:05
S123	2	(cesium adj2 carbonate) adj5 ((charge or electron) with (genert\$3 or transport\$3))	US-PGPUB; USPAT	AND	ON	2009/10/01 10:05
S124	28	(cesium adj2 carbonate) and Miura. in.	US-PGPUB; USPAT	AND	ON	2009/10/01 10:07
S125	4	(cesium adj2 carbonate) and Miura. in. and (mixed with layer)	US-PGPUB; USPAT	AND	ON	2009/10/01 10:07
S126	1	"6955773".pn.	US-PGPUB; USPAT	AND	ON	2009/10/01 10:20
S127	1	"20030222250"	US-PGPUB; USPAT	AND	ON	2009/10/01 10:21
S128	1	"6121727".pn.	US-PGPUB; USPAT	AND	ON	2009/10/01 10:29
S129	1	"20020094452"	US-PGPUB; USPAT	AND	ON	2009/10/01 10:39
S130	86	(metal adj2 buffer) and ((lithium adj fluoride) and (magnesium adj fluoride))	US-PGPUB; USPAT	AND	ON	2009/10/01 10:50
S131	0	(metal adj2 buffer near anode) and ((lithium adj fluoride) and (magnesium adj fluoride))	US-PGPUB; USPAT	AND	ON	2009/10/01 10:51
S132	1	anode with (metal adj2 buffer) and ((lithium adj fluoride) and (magnesium adj fluoride))	US-PGPUB; USPAT	AND	ON	2009/10/01 10:51

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(Li adj sub2 adj Si adj O adj sub3)	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:06

L2	91	(metal adj2 buffer) and ((lithium adj fluoride) and (magnesium adj fluoride))	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:07
L3	89	(metal adj2 buffer) and ((lithium adj fluoride) and (magnesium adj fluoride)) and device	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:07
L4	0	(metal adj2 buffer) with (silcate) and device	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:08
L5	91	(metal adj2 buffer) with (Li or Lithium)	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:09
L6	87	(metal adj2 buffer) with (Li or Lithium) and phthalocyanine\$	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:10
L7	38	(metal adj2 buffer) with (Li or Lithium) and phthalocyanine\$ and (428/690).ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/02/03 11:11

**2/ 3/ 2010 11:24:08 AM**

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